

PRESSURE SENSITIVE ELECTRIC CONDUCTIVE BODY

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Abstract

PURPOSE: To provide a thin form electric conductor having good reproducibility by forming an insulative pattern having a specific height and specific requisite area ratio on a pressure sensitive electroconductive film whose resistance value varies with the pressing force, and thereby giving it a pressure sensitive characteristic equivalent to pressure sensitive electroconductive rubber.

CONSTITUTION: An electroconductive layer 2 and a pressure sensitive electroconductive coating surface 3, whose resistance value varies with the strength of the pressing force, are put on an insulative film 1 one over the other, and an insulative pattern 4 is formed on this coating 3. If this insulative pattern 4 is given a height of 5-50µm and the area ratio is 5-20% to the area where pressure is applied, the pressure sensitive characteristic becomes equivalent to that of pressure sensitive electroconductive rubber to achieve a pressure sensitive electric conductor of thin form equipped with a high reproducibility and an applied electronic appliance using is embodied in small size.

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